

FIG. 1

**Network Client Program
Instructions 42**

421 Source Identification Packet Creation Program

422 Payload Creation Program

423 Task Identity Receiving Program

424 Financial Charge Receiving Program

425 Encryption/Decryption Program

FIG. 2

Payload 30

Programming Instructions
302

Data Set
304

Task ID 305

Security Permissions 306

| | |
|---|-----|
| Permission to Access Network Client's Local Network | 307 |
| Permission to Provide Payment | 308 |
| Permission to Release Financial Data | 309 |
| Encryption/Decryption Information | 310 |

Financial Data Set 312

Financial Charging Authorization Identity
313

Task Authentication Key 314

Credit Limit Data Set 315

Client Credit Data Set 316

Client Credit Index 317

Client Credit Authorization Key 318

FIG. 3

**Network Server
Program Instructions 52**

| | |
|-----|---|
| 521 | Payload Receiving Program |
| 522 | Payload Evaluation Program |
| 523 | Process Creation Program |
| 524 | Binding Program |
| 525 | Encryption/Decryption Program |
| 526 | Process Simulation Program |
| 527 | Bid Solicitation Program |
| 528 | Confidentiality Program |
| 529 | Mediation Program |
| 530 | Bid Receiving Program |
| 531 | Bid Validation Program |
| 532 | Bid Evaluation Program |
| 533 | Payload Conformance Program |
| 534 | Payload Profile Program |
| 535 | Payload Authentication Program |
| 536 | Agent Instantiation Program |
| 537 | Agent Resource Requirement Estimation Program |
| 538 | Process Awarding Program |
| 539 | Agent Awarding Program |

FIG. 4

**Network Host
Program Instructions 62**

621 Payload Profile Receiving Program

622 Payload Profile Evaluation Program

623 Task ID Validation Program

624 Bid Generation Program

625 Encryption/Decryption Program

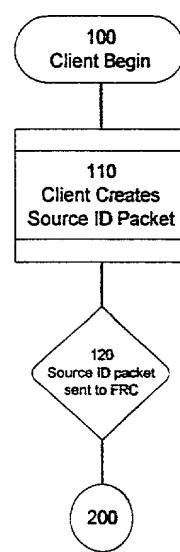
626 Financial Charge Creation Program

FIG. 5

**Financial Resolution
Center Program
Instructions 72**

| | |
|-----|--|
| 721 | Certificate Authority Program |
| 722 | Accounting Program |
| 723 | Monitoring Program |
| 724 | Financial Charge Receiving Program |
| 725 | Financial Charge Assigning Program |
| 726 | Financial Charge Resolving Program |
| 727 | Confidentiality Program |
| 728 | Financial Account Maintenance Program |
| 729 | Encryption/Decryption Program |
| 730 | Authentication Program |
| 731 | Source Identification Data Packet Receiving Program |
| 732 | Source Identification Data Packet Evaluation Program |
| 733 | Task Identity Creation Program |
| 734 | Client Identity Validation Program |
| 735 | Credit Verification Program |
| 736 | Network Membership Program |
| 737 | Credit Extension Program |
| 738 | Payload validation Program |
| 739 | Task ID Validation Program |
| 740 | Rate Tracking Program |
| 741 | Transaction Number Minimization Program |

FIG. 6



- A source ID packet may include:
 - Identification Dataset, which may contain client identification and requestor identification
 - Request Dataset, which may contain credit requested, resources requested, and criteria requested

Task Identity Creation: Client side

FIG. 7

FRC Source ID Packet Evaluation

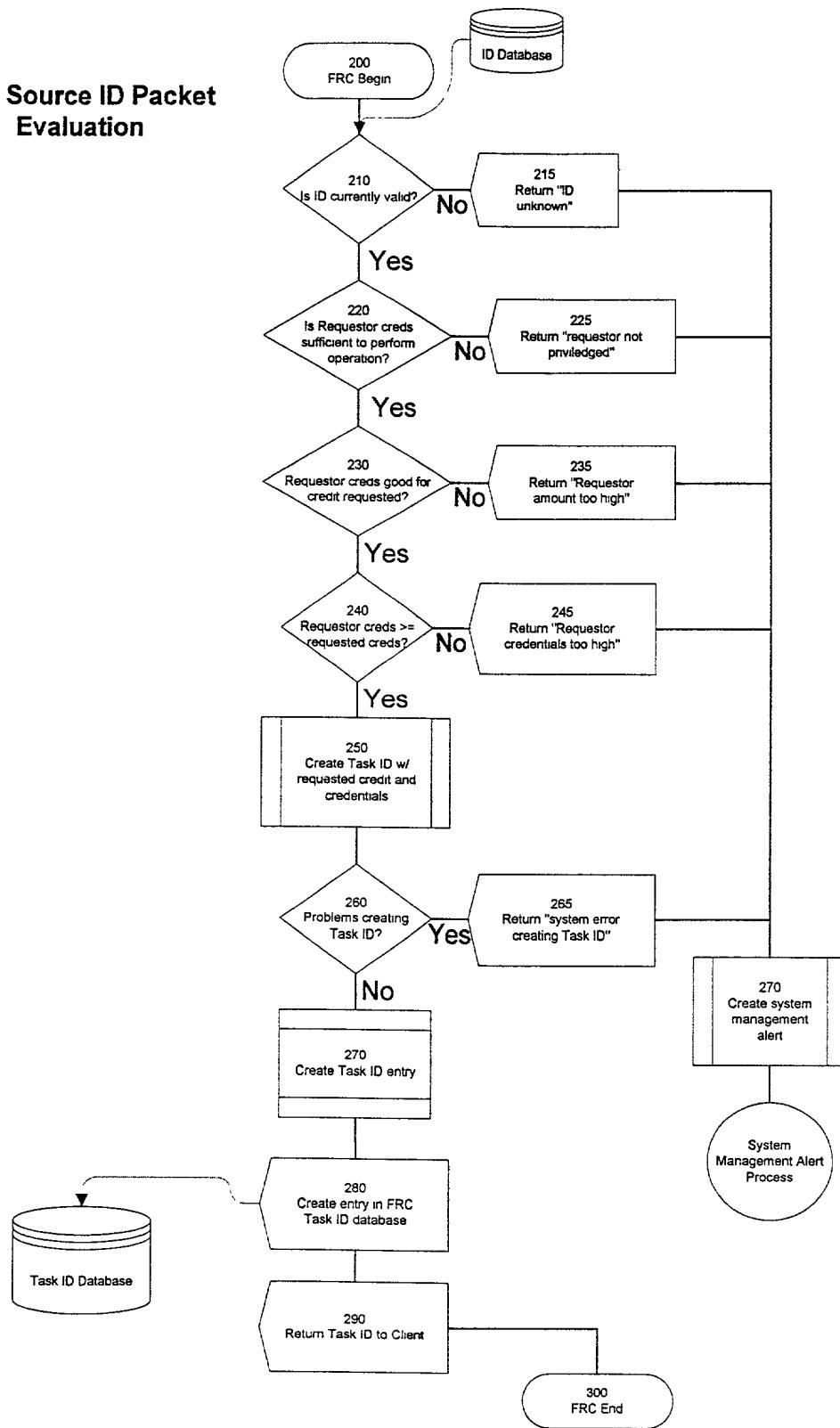


FIG. 8

Host Processing Layers

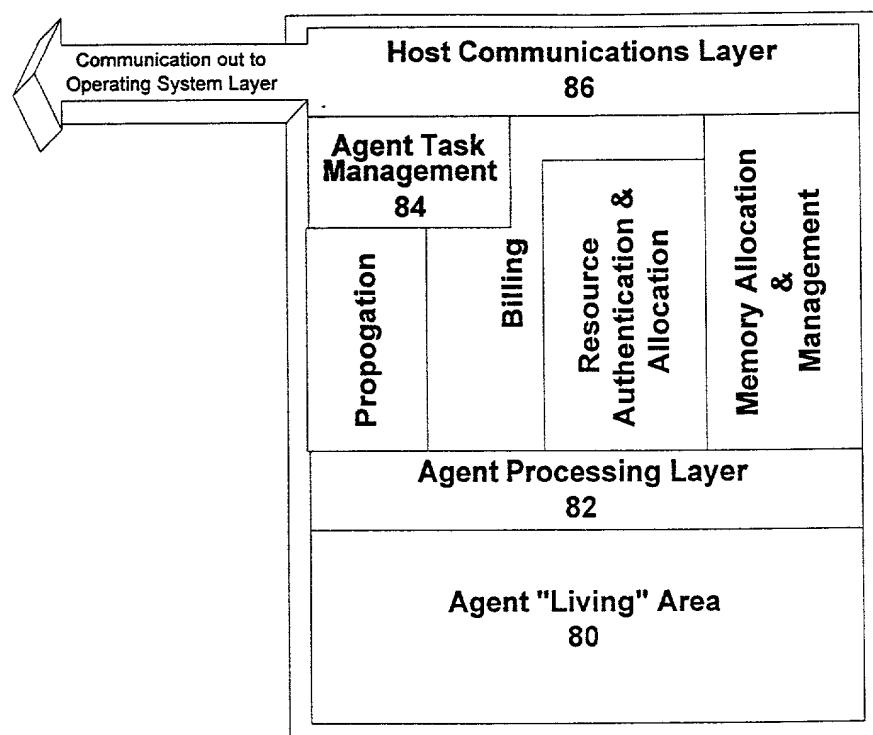


FIG. 9